



Atty. Docket No.: 20563/1014

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

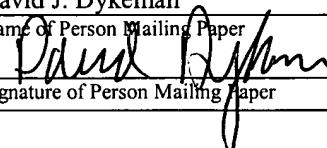
Application of:	Rabiner et al.	Examiner:	Not Yet Assigned
Serial No.:	10/665,445	Group Art Unit:	3731
Filed:	September 19, 2003		
Entitled:	Apparatus and Method of Removing Occlusions Using an Ultrasonic Medical Device Operating in a Transverse Mode		
		Conf. No.:	7310

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

David J. Dykeman

Name of Person Mailing Paper


Signature of Person Mailing Paper

**Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

TRANSMITTAL LETTER

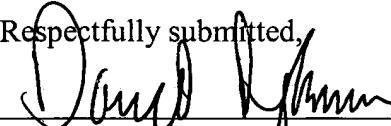
Enclosed for filing in the above-identified patent application, please find the following documents:

1. Information Disclosure Statement;
2. Form PTO-1449 listing 100 references;
3. Copies of 10 Non-U.S. Patent References; and
4. Return Post Card.

The Commissioner for Patents is hereby authorized to charge any fees to Deposit Account No. 16-0085, Reference 20563/1014. A duplicate of this transmittal letter is enclosed for this purpose.

Date: September 23, 2004

Respectfully submitted,


Name: David J. Dykeman

Registration No.: 46678

Customer No.: 29934

Palmer & Dodge LLP

111 Huntington Avenue

Boston, MA 02199-7613

Tel: 617-239-0100



Atty. Docket No.: 20563/1014

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

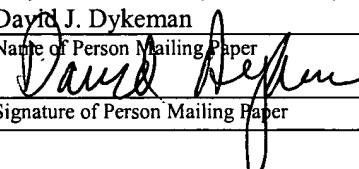
Application of:	Rabiner et al.	Examiner:	Not Yet Assigned
Serial No.:	10/665,445	Group Art Unit:	3731
Filed:	September 19, 2003		
Entitled:	Apparatus and Method of Removing Occlusions Using an Ultrasonic Medical Device Operating in a Transverse Mode		
		Conf. No.:	7310

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

David J. Dykeman

Name of Person Mailing Paper


Signature of Person Mailing Paper

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.56, 1.97 AND 1.98**

Dear Sir:

In accordance with the duty of disclosure under 37 CFR § 1.56, Applicant submits this Supplemental Information Disclosure Statement pursuant to 37 CFR §§ 1.97 and 1.98 in the above-identified application for consideration by the Patent Office.

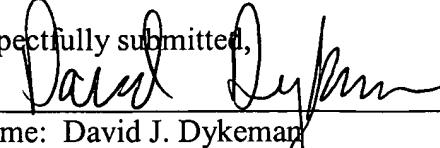
A listing of the cited documents, as well as, for the Examiner's convenience, copies of all foreign patent documents and non-patent literature are enclosed. This application was filed after June 30, 2003, and copies of U.S. patents and U.S. patent applications are not required and are not enclosed.

Pursuant to CFR § 1.97(b)(3), because this Statement is being submitted before the first Office Action on the merits, no fee is required.

Applicant does not intend to represent that any of the documents submitted herein are material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

Applicant respectfully requests that the documents submitted herein be considered and made of record in this application.

Respectfully submitted,


Name: David J. Dykeman
Registration No.: 46,678
Customer No.: 29934
Palmer & Dodge LLP
111 Huntington Avenue
Boston, MA 02199-7613
Tel: 617-239-0100

Date: September 23, 2004

USPTO Form 1449 U.S. Department of Commerce
Patent and Trademark Office

SEP 17 2004

Attorney Docket No.

20563/1014

Serial No.

10/665,445

INFORMATION DISCLOSURE STATEMENT

Applicant(s): Rabiner et al.

Filing Date: September 19, 2003

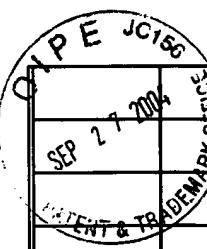
Group: 3731

U.S. PATENT DOCUMENTS

Examiner Initial	Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
	2,990,616	July 4, 1961	Balamuth, et al.	433	119	March 8, 1955
	3,526,219	September 1, 1970	Balamuth	600	565	July 23, 1967
	3,565,062	February 23, 1971	Kuris	606	169	June 13, 1968
	3,589,363	June 29, 1971	Banko	604	22	July 25, 1967
	3,861,391	January 21, 1975	Antonevich, et al.	606	128	March 20, 1974
	4,136,700	January 30, 1979	Broadwin, et al.	606	169	June 14, 1976
	4,236,510	December 2, 1980	Hatter, et al.	601	2	February 21, 1979
	4,474,180	October 2, 1984	Angulo	128	328	May 13, 1982
	4,486,680	December 4, 1984	Bonnet, et al.	310	323.19	March 4, 1983
	4,493,694	January 15, 1985	Wuchinich	604	22	May 25, 1984
	4,526,571	July 2, 1985	Wuchinich	604	22	October 15, 1982
	4,535,759	August 20, 1985	Polk, et al.	128	24A	September 30, 1982
	4,634,420	January 6, 1987	Spinosa, et al.	604	22	October 31, 1984
	4,838,853	June 13, 1989	Parisi	604	22	February 5, 1987
	4,867,141	September 19, 1989	Nakada et al.	601	4	June 12, 1987
	4,886,060	December 12, 1989	Wiksell	128	303.14	May 8, 1989
	4,886,491	December 12, 1989	Parisi et al.	304	22	February 29, 1988
	4,920,954	May 1, 1990	Alliger et al.	128	24A	August 5, 1988
	4,962,755	October 16, 1990	King et al.	601	2	July 21, 1989
	5,026,387	June 25, 1991	Thomas	606	169	March 12, 1990
	5,057,119	October 15, 1991	Clark, et al.	606	169	January 18, 1991
	5,057,182	October 15, 1991	Wuchinich	156	580.1	January 19, 1990
	5,059,210	October 22, 1991	Clark, et al.	606	169	December 12, 1989
	5,062,827	November 5, 1991	Wiksell	604	22	February 14, 1989
	5,116,343	May 26, 1992	Ams, et al.	606	128	August 28, 1990
	5,167,619	December 1, 1992	Wuchinich	604	22	May 25, 1990
	5,171,387	December 15, 1992	Wuchinich	156	73.3	May 10, 1991
	5,176,677	January 5, 1993	Wuchinich	604	356	April 27, 1992
	5,190,517	March 2, 1993	Zieve, et al.	604	22	June 6, 1991

OCT 17 2004
PATENT & TRADEMARK OFFICE

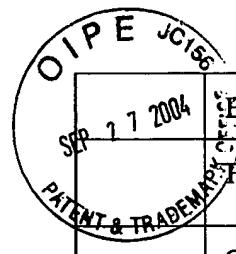
5,221,282	June 22, 1993	Wuchinich	606	99	October 21, 1992
5,243,997	September 14, 1993	Uflacker et al.	600	565	September 14, 1992
5,267,954	December 7, 1993	Nita	604	22	May 5, 1992
5,271,735	December 21, 1993	Greenfield, et al.	604	266	October 29, 1991
5,300,021	April 5, 1994	Wuchinich	604	22	August 20, 1992
5,304,115	April 19, 1994	Pflueger et al.	604	22	January 11, 1991
5,312,328	May 17, 1994	Nita et al.	604	22	July 9, 1992
5,312,329	May 17, 1994	Beaty, et al.	604	22	April 7, 1993
5,324,299	June 28, 1994	Davison, et al.	606	167	February 3, 1992
5,334,183	August 2, 1994	Wuchinich	606	46	April 9, 1992
5,342,292	August 30, 1994	Nita et al.	604	22	May 24, 1993
5,358,505	October 25, 1994	Wuchinich	606	99	June 22, 1993
5,366,490	November 22, 1994	Edwards, et al.	607	99	December 22, 1993
5,368,558	November 29, 1994	Nita	604	22	June 3, 1993
5,380,274	January 10, 1995	Nita	604	22	October 12, 1993
5,382,228	January, 17, 1995	Nita, et al.	604	22	September 28, 1993
5,391,144	February 21, 1995	Sakurai et al.	604	22	July 20, 1993
5,397,293	March 14, 1995	Alliger, et al.	601	2	November 25, 1992
5,397,301	March 14, 1995	Pflueger et al.	604	22	July 19, 1993
5,405,318	April 11, 1995	Nita	604	22	September 28, 1993
5,417,654	May 23, 1995	Kelman	604	22	February 2, 1994
5,417,672	May 23, 1995	Nita, et al.	604	533	October 4, 1993
5,427,118	June 27, 1995	Nita, et al.	128	772	October 4, 1993
5,447,509	September 5, 1995	Mills, et al.	606	1	October 4, 1993
5,458,612	October 17, 1995	Chin	606	192	January 6, 1994
5,472,441	December 5, 1995	Edwards, et al.	606	41	March 11, 1994
5,484,398	January 16, 1996	Stoddard	604	22	March 17, 1994
5,498,236	March 12, 1996	Dubrul et al.	604	22	October 7, 1994
5,516,043	May 14, 1996	Manna, et al.	239	102.2	June 30, 1994
5,603,445	February 18, 1997	Hill et al.	228	4.5	February 24, 1994
5,628,743	May 13, 1997	Cimino	606	1	December 21, 1994
5,630,837	May 20, 1997	Crowley	601	2	March 31, 1995
5,672,172	September 30, 1997	Zupkas	606	20	June 6, 1995
5,713,848	February 3, 1998	Dubrul et al.	604	22	June 7, 1995
5,720,710	February 24, 1998	Tachibana, et al.	601	2	July 11, 1994



	5,741,225	April 21, 1998	Lax, et al.	604	22	January 23, 1996
	5,772,627	June 30, 1998	Acosta, et al.	604	22	July 19, 1996
	5,827,203	October 27, 1998	Nita	601	2	April 21, 1997
	5,836,896	November 17, 1998	Rosenschein	601	2	August 19, 1996
	5,836,897	November 17, 1998	Sakuri et al.	601	2	August 14, 1997
	5,843,017	December 1, 1998	Yoon	604	22	June 21, 1996
	5,846,218	December 8, 1998	Brisken, et al.	604	22	September 5, 1996
	5,891,149	April 6, 1999	Young et al.	606	80	June 26, 1997
	5,895,370	April 20, 1999	Edwards, et al.	604	22	January 7, 1997
	5,935,096	August 10, 1999	Barrett	604	22	July 10, 1997
	5,935,142	August 10, 1999	Hood	606	169	August 7, 1997
	5,957,882	September 28, 1999	Nita et al.	604	22	April 12, 1997
	5,964,756	October 12, 1999	McGaffigan, et al.	606	41	April 11, 1997
	5,989,208	November 23, 1999	Nita	604	22	May 16, 1997
	5,989,209	November 23, 1999	Barrett	604	22	June 30, 1997
	5,989,274	November 23, 1999	Davison et al.	606	169	December 20, 1996
	6,032,078	February 29, 2000	Rudie	607	101	October 22, 1997
	6,077,285	June 20, 2000	Boukhny	606	169	June 29, 1998
	6,647,755	November 18, 2003	Rabiner et al.	72	291	March 6, 2002
	6,652,547	November 25, 2003	Rabiner et al.	606	129	February 2, 2001
	6,660,013	December 9, 2003	Rabiner et al.	606	1228	October 5, 2001
	6,679,873	January 20, 2004	Rabiner et al.	604	528	June 16, 2003
	6,695,781	February 24, 2004	Rabiner et al.	600	129	July 27, 2001
	6,695,782	February 24, 2004	Rabiner et al.	600	439	October 11, 2001
	6,730,048	May 4, 2004	Hare et al.	601	2	December 23, 2002
	6,733,451	May 11, 2004	Rabiner et al.	600	439	March 25, 2003

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Publication Date	Country	Class	Subclass	Translation	
						YES	NO
A	EP 0541249	May 12, 1993	EPO	A61F	9/007R2		
B	EP 0293472	December 7, 1988	EPO	A61B	17/22		
C	WO 90/01300	February 22, 1990	WIPO	A61B	17/32		
D	WO 95/03740	February 9, 1995	WIPO	A61B	17/20		



OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER _____ DATE CONSIDERED _____

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

**Copies of references not provided at the time of this submission.